2009

HDC-HS300 High Definition Camcorder

Outstanding Picture Quality with 1000-Line Motion/10.6M Still

New 3MOS system with larger sensor, Leica Dicomar Lens, OIS

Manual Ring, EVF and Mic Jack

More peripheral expandability with shoe, desired operating with manual ring and EVF

iA AF Tracking and Touch Panel

Pinpoint face designated by touch panel

- 120GB* HDD
- 12x optical zoom
- 1.6 lux. low-light performance
- Advanced OIS
- 11 Megapixel still pictures
- Touch-panel 2.7" wide LCD
- Touch screen navigation
- 5.1 surround sound recording with zoom mic
- Time lapse recording
- Highlighted playback
- Built-in MPEG2 converter
- 60 shots/sec burst recording
- 0.6 sec quick start (SD only)

Panasonic

ideas for life

2009 HDC-HS300 High Definition Camcorder Specifications

	HDC-HS300
GENERAL	
Power Supply	DC7.2V / 9.3V
Power Consumption	7.8W
Weight (w/o Battery)	approx. 460g (1.01 lb)
Dimension (W x H x D)	70 x 73 x 141 [mm] (2.75 x 2.88 x 5.54 [inch])
Media	HDD (120GB), SD/SDHC Memory Card
On-Screen Display Language	Please refer to "OSD" sheet
IMAGE SENSOR	
Image Sensor	1/4.1" MOS x 3
Total Pixels	9.15 megapixels (3.05 megapixels x 3)
Effective Pixels	
Motion Image	6.21 megapixels (2.07 megapixels x 3) [16:9]
Still Image	7.95 megapixels (2.65 megapixels x 3) [3:2] 7.53 megapixels (2.51 megapixels x 3) [16:9] 6.96 megapixels (2.32 megapixels x 3) [4:3]
LENS SECTION	
Lens Brand	Leica Dicomar Lens
F Value	F1.8(WIDE)/2.8(TELE)
Optical Zoom	12x
Digital Zoom	30x-700x
Focal Length	4-48mm
35mm Film Camera Equivalent	44.9-539mm (16:9) [Motion Image] 41.3-496mm (3:2), 40.8-490mm (16:9), 45.0-540mm (4:3) [Still Image]
Filter Diameter	43mm
CAMERA SECTION	
Standard Illumination	1400 lx
Minimum Illumination	1.6 lx (1/30 Low Light Mode) 1 lx (MagicPix®)
Image Stabilizer	Advanced O.I.S. [Optical Image Stabilization]
Focus	Auto / Manual
White Balance	Auto / Indoor1 / Indoor2 / Sunny / Cloudy / White set
Shutter Speed	
Motion Image	[60i] Auto Slow Shutter ON: 1/30-1/8000, video flash: 1/30-1/500 OFF: 1/60-1/8000, video flash: 1/60-1/500 [24P] Auto Slow Shutter ON: 1/24-1/8000, video flash: 1/24-1/500 OFF: 1/48-1/8000, video flash: 1/48-1/500
Still Image	1/2-1/2000, video flash: 1/2-1/500
Iris	Auto / Manual
Backlight Compensation	Yes
MONITOR	
EVF	Yes
Monitor (LCD)	2.7 Wide LCD (230,400 pixels)
STILL IMAGE SECTION	
Recording Format	JPEG
Recording Image Size	
Still Picture	10.6 megapixels (3984 x 2656), 7.0 megapixels (3264 x 2176), 4.5 megapixels (2592 x 1728) [3:2] 10.0 megapixels (4224 x 2376), 6.0 megapixels (3328 x 1872), 3.5 megapixels (2560 x 1440) [16:9] 9.0 megapixels (3520 x 2640), 8.0 megapixels (3264 x 2448), 5.0 megapixels (2560 x 1920), 0.3 megapixels (640 x 480) [4:3]
Simultaneous Recording	8.3 megapixels (3840 x 2160), 2.1 megapixels (1920x1080) [16:9]
Still Image	2.1 megapixels (1920 x 1080) [16:9]
Flash	Yes
DPOF	Max. 999 images
PictBridge	Yes
RECORDING SECTION	
Signal System	1080 / 60i
Recording Format	MPEG4-AVC/H.264 (AVCHD standard compliant)
Recording / Playback Mode	HA (17Mbps / VBR), (1920 x 1080) HG (13Mbps / VBR), (1920 x 1080) HX (9Mbps / VBR), (1920 x 1080) HE (6Mbps / VBR), (1440 x 1080)
Audio Recording System	Dolby Digital (5.1ch)
Microphone	5.1ch Surround, Zoom and Focus Microphone
Speaker	Dynamic type
Media Remaining Indication	Yes
INTERFACES	
AV	Out
HDMI	Yes (mini)
Microphone (stereo mini)	Yes
Headphones	Yes
USB	2.0 Hi-Speed
Video Component	Yes
OTHERS	
LED Video Light	—
Accessory Shoe	Yes (Cold)
STANDARD ACCESSORIES	
AC Adaptor	Yes
AC Cable	Yes
DC Cable	Yes
Rechargeable Battery Pack	min. 1250 mAh / Lithium-Ion
Video Component Cable	Yes
AV Cable	Yes
IR Remote	Yes
USB Cable	Yes
SD Memory Card	—
Included Software	HD Writer AE 1.0

*1GB=1 billion bytes. Usable capacity will be less.